



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,054	07/03/2003	Greg Bjornberg	COS-97-046 C1	6698
25537 7590 03/07/2007 VERIZON PATENT MANAGEMENT GROUP 1515 N. COURTHOUSE ROAD SUITE 500 ARLINGTON, VA 22201-2909			EXAMINER SING, SIMON P	
			ART UNIT 2614	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE		NOTIFICATION DATE	DELIVERY MODE	
3 MONTHS		03/07/2007	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 03/07/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@verizon.com

Office Action Summary	Application No.		Applicant(s)	
	10/613,054		BJORNBERG ET AL.	
	Examiner		Art Unit	
	Simon Sing		2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see the Remark, filed on 02/08/2007, with respect to claims 1-45 have been fully considered and are persuasive. The final rejection of claims 1-45 has been withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-45 are rejected under 35 U.S.C. 102(b) as being anticipated by Sattar et al. US 5,243,643.

2.1 Regarding claims 1 and 15, Sattar teaches a method for customizing voice prompts and actions (interactive voice response service) in a voice messaging system, comprising steps of:

Art Unit: 2614

defining a reusable set of service-independent building blocks (vectors) in a telecommunication node (column 9, lines 19-39, 68; column 10, lines 1-15, 57-64; column 11, lines 28-68, column 12, lines 1-10);

creating a customer application file (of caller interface) using a customer-specified sequence of the vectors in a server of the telecommunication node, wherein a set of customer specific data is defined for user as inputs into the vectors (column 28, lines 18-60); and

retrieving the customer application file for execution by the telecommunication node from the server (column 18, lines 46-68; column 19, lines 1-5; column 28, lines 40-60).

2.2 Regarding claim 2, Sattar teaches a voice messaging system which handles an incoming call for leaving or retrieving a voice message (column 25, lines 23-34).

2.3 Regarding claim 3, Sattar teaches defining an input for a vector (5 for recording a new greeting), and an output (prompting a user to start recording a new greeting) (column 18, lines 46-68; column 19, lines 1-5; column 28, lines 24-34).

2.4 Regarding claim 4, Sattar teaches audio and branching blocks (column 12, lines 12-17).

Art Unit: 2614

2.5 Regarding claim 5, Sattar teaches storing the customer file in a telecommunication node (9, lines 28-39, 68; column 10, lines 1-3), and a telecommunication network inherently can be an advanced intelligent network.

2.6 Regarding claim 6, Sattar teaches assigning an identification number to the customer application file (column 28, lines 47-60).

2.7 Regarding claim 7, Sattar teaches editing a customer application file (column 28, lines 18-39).

2.8 Regarding claim 8, Sattar teaches a system comprising:

means (relational data base 60) for defining a reusable set of service-independent building blocks (vectors) in a telecommunication node (column 9, lines 19-39, 68; column 10, lines 1-15, 57-64; column 11, lines 28-68, column 12, lines 1-10);

means (editor APE 480 or 490) for creating a customer application file (of caller interface) using a customer-specified sequence of the vectors in a server of the telecommunication node, wherein a set of customer specific data is defined for user as inputs into the vectors (column 28, lines 18-60); and

means for retrieving the customer application file for execution by the telecommunication node from the server (column 18, lines 46-68; column 19, lines 1-5; column 28, lines 40-60).

Art Unit: 2614

2.9 Regarding claim 9, Sattar teaches a voice messaging system which handles an incoming call for leaving or retrieving a voice message (column 25, lines 23-34).

2.10 Regarding claim 10, Sattar teaches defining means in figure 2A.

2.11 Regarding claim 11, Sattar teaches audio and branching blocks (column 12, lines 12-17).

2.12 Regarding claim 12, Sattar teaches storing the customer file in a telecommunication node (9, lines 28-39, 68; column 10, lines 1-3), and a telecommunication network inherently can be an advanced intelligent network.

2.13 Regarding claim 13, Sattar teaches assigning an identification number to the customer application file (column 28, lines 47-60).

2.14 Regarding claim 14, Sattar teaches editing a customer application file (column 28, lines 18-39).

2.15 Regarding claims 16 and 21, Sattar teach a voice interactive service in a voice messaging system in figure 1, comprising:

receiving a message (call routing message) at a voice messaging system, the message specifying an identification of a customer application file (caller

Art Unit: 2614

interface) providing a call plan (voicemail) (column 18, lines 46-68; column 19, lines 1-5; column 25, lines 23-38; column 28, lines 40-60); and

retrieving the customer application file based on the identifier, wherein the customer application file is created according to a plurality of reusable application independent software modules (vectors) (column 11, lines 18-64; column 28, lines 18-39).

2.16 Regarding claims 17 and 22, Sattar teaches executing the customer application file to handle a call directed to the voice messaging system (column 28, lines 47-60).

2.17 Regarding claims 18 and 23, Sattar teaches editing a customer application file (column 28, lines 18-39).

2.18 Regarding claims 19 and 25, Sattar teaches retrieving a plurality of vectors (primitives) (column 28, lines 18-39).

2.19 Regarding claims 20 and 26, Sattar teaches vectors to support a voice messaging system (column 10, lines 3-15; column 25, lines 23-38).

2.20 Regarding claim 24, Sattar teaches a relational database for storing the customer application files (column 9, lines 28-39).

Art Unit: 2614

2.21 Regarding claims 27 and 32, Sattar teaches an interactive voice response system in a voice messaging system, comprising:

receiving a request for a customer application file (caller interface) that specifies a call plan (voicemail), the request includes an identification number (column 25, lines 23-38; column 28, lines 40-60); and

transmitting the application file in response to the request, wherein the application customer file is created according to a plurality of reusable application independent software modules (vectors) (column 11, lines 28-64; column 18, lines 46-68; column 19, lines 1-5; column 28, lines 1-22).

2.22 Regarding claims 28 and 33, Sattar teaches transmitting the customer application file to the voice messaging system for execution (column 9, lines 28-39; column 11, lines 28-59; column 28, lines 40-60).

2.23 Regarding claims 29 and 34, Sattar teaches receiving customer inputs (column 28, lines 24-34).

2.24 Regarding claims 30 and 36, Sattar teaches that each vector associates with predefined action (primitive) (column 10, lines 10-15; column 18, lines 46-68; column 19, lines 1-5; column 28, lines 40-60).

Art Unit: 2614

2.25 Regarding claims 31 and 37, Sattar teaches vectors for performing common actions (column 12, lines 11-17; column 24, lines 46-52; column 28, lines 24-60).

2.26 Regarding claim 35, Sattar teaches a relational database for storing the customer application files (column 9, lines 28-39).

2.27 Regarding claims 38 and 42, Sattar teaches an interactive voice response system in a voice messaging system, comprising:

generating a customer application file (caller interface) that specifies a call plan in response to an input by a user, wherein the input corresponds to one of a plurality of reusable application independent software modules (vectors) (column 9, lines 19-39, 68; column 10, lines 1-15, 57-64; column 11, lines 28-68, column 12, lines 1-10);

assigning an identifier to the generated customer application file (column 28, lines 40-60); and

transmitting the customer application file for execution (column 18, lines 46-68; column 19, lines 1-5; column 28, lines 40-60).

2.28 Regarding claims 39 and 43, Sattar teaches an editor with a graphical user interface (column 28, lines 11-34; column 15, lines 7-13).

Art Unit: 2614

2.29 Regarding claim 40, 41, 44 and 45, Sattar teaches vectors for performing common actions (column 12, lines 11-17; column 18, lines 46-68; column 19, lines 1-5; column 24, lines 46-52; column 28, lines 24-60).

3. Claims 1, 8, 15, 16, 21, 27, 32, 38 and 42 are rejected under 35 U.S.C. 102(e) as being anticipated by Juster US 5,724,406.

3.1 Regarding claims 1, 8 and 15, Juster teaches a method and system for an interactive voice response in a voice messaging system, comprising:

defining a reusable set of service-independent building blocks (primitives) in a telecommunication node 12 (figure 1; Abstract; column 5, lines 12-40);

creating a customer application file using a customer-specified sequence of the vectors in a server of the telecommunication node 12, wherein a set of customer specific data is defined for user as inputs into the vectors (Abstract; column 5, lines 54-57; column 7, lines 29-40; column 11, lines 5-15); and

retrieving the customer application file for execution by the telecommunication node 12 from the server (Abstract; column 16, lines 27-41; column 21, lines 10-32).

3.2 Regarding claims 16 and 21, Juster teach a voice interactive service in a voice messaging system in figure 1, comprising:

Art Unit: 2614

receiving a message (call routing message) at a voice messaging system, the message specifying an identification of a customer application file providing a call plan (voicemail) (column 16, lines 27-41; column 21, lines 10-32); and

retrieving the customer application file based on the identifier, wherein the customer application file is created according to a plurality of reusable application independent software modules (Abstract; column 5, lines 12-40, 54-57; column 7, lines 29-40; column 11, lines 5-15; column 21, lines 10-32).

3.3 Regarding claims 27 and 32, Juster teaches an interactive voice response system in a voice messaging system, comprising:

receiving a request for a customer application file that specifies a call plan, the request includes an identification number (Abstract; Figure 6; column 16, lines 11-41; column 28, lines 40-60); and

transmitting the application file in response to the request, wherein the application customer file is created according to a plurality of reusable application independent software modules (Abstract; Figure 6; column 5, lines 12-40, 54-57; column 7, lines 29-40).

3.4 Regarding claims 38 and 42, Juster teaches an interactive voice response system in a voice messaging system, comprising:

generating a customer application file that specifies a call plan in response to an input by a user, wherein the input corresponds to one of a plurality of

Art Unit: 2614

reusable application independent software modules (column 5, lines 12-40, 54-57; column 7, lines 29-40);

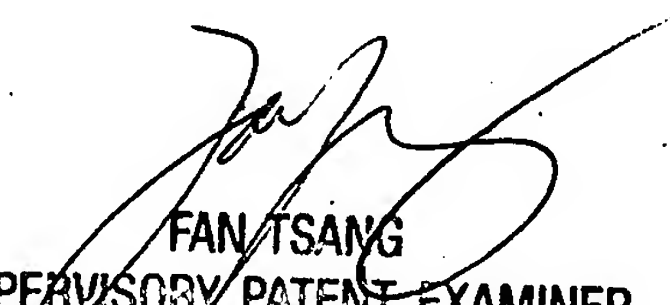
assigning an identifier to the generated customer application file (column 5, lines 62-67; column 6, lines 1-6; column 16, lines 27-41; Figure 6); and

transmitting the customer application file for execution (Figure 6; column 16, lines 27-41; column 11, lines 5-15; column 21, lines 10-32).

Conclusion

4. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Simon Sing whose telephone number is 571-272-7545. The examiner can normally be reached on Monday - Friday from 8:30 AM to 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang, can be reached at 571-272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2600.


S. Sing


FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

02/27/2007